BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work : Modified Estimate For PACKAGE No-04 Construction of Classrooms to Govt PU College and providing grill fencing and Other developmental Works to ISRO layout Park, Vishweshwarayya park, Raj kumar Park, Sri Saibaba park Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
1	Demolishing cement concrete manually/ by mechanical means including disposal of material to the appropriate disposal area as per direction of Engineer-in-charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix) Pg No 162 It No 19.2.2 of Vol II of PWD SR 2021-22								
	Dismantling of Waterproofing Course	1	27.85	9.00	0.20	50.13			
		1	3.55	3.70	0.20	2.63			
	Dummy Columns	16	0.30	0.45	1.00	2.16			
		8	0.23	0.23	1.00	0.42			
	Coping concrete								
	Vishveshwaraiah park East side	1	164.07	0.45	0.05	3.69			
	Vishveshwaraiah park south side	1	102.27	0.45	0.05	2.30			
	West side	1	129.14	0.45	0.05	2.91			
	North side	1	38.56	0.45	0.05	0.87			
	Gates	1	2.60	0.45	0.05	0.06			
		1	2.30	0.45	0.05	0.05			
		1	2.03	0.45	0.05	0.05			
		1	4.10	0.45	0.05	0.09			
	Sai baba (Cauvery) Park north side	1	91.53	0.45	0.05	2.06			
	East side	1	48.70	0.45	0.05	1.10			
	South side	1	101.58	0.45	0.05	2.29			
	Gates	1	4.00	0.45	0.05	0.09			
		1	3.00	0.45	0.05	0.07			
	P.C.C 1:3:6								
	Vishveshwaraiah park East side	1	164.07	0.70	0.10	11.48			
	Vishveshwaraiah park south side	1	102.27	0.70	0.10	7.16			
	North side	1	38.56	0.70	0.10	2.70			
	Gates	1	2.60	0.70	0.10	0.18			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Sai baba (Cauvery) Park north side	1	91.53	0.70	0.10	6.41			
	East side	1	48.70	0.65	0.10	3.17			
	South side	1	101.58	0.70	0.10	7.11			
	Gates	1	4.00	0.70	0.10	0.28			
		1	3.00	0.70	0.10	0.21			
						109.65	**Cum**		
				Upto 125%		**88.19**	**Cum**	**900.00**	**79368.75**
				Above 125%		**21.46**	**Cum**	**900.00**	**19316.88**
	Approved Amount	**900.00**							
	Demolishing stone rubble masonry manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material to the appropriate disposal area as per direction of Engineerin- charge. In cement mortar Pg No 163 It No 19.9.2 of Vol II of PWD SR 2021-22								
	SSM								
	1st Course								
	Vishveshwaraiah park East side	1	164.07	0.45	0.40	29.53			
	Vishveshwaraiah park south side	1	102.27	0.45	0.40	18.41			
	West side	1	129.14	0.45	0.40	23.25			
	North side	1	38.56	0.45	0.40	6.94			
	Gates	1	2.60	0.45	0.40	0.47			
		1	2.30	0.45	0.40	0.41			
		1	2.03	0.45	0.40	0.37			
		1	4.10	0.45	0.40	0.74			
	Sai baba (Cauvery) Park north side	1	91.53	0.45	0.40	16.48			
	East side	1	48.70	0.45	0.40	8.77			
	South side	1	101.58	0.45	0.40	18.28			
	Gates	1	4.00	0.45	0.40	0.72			
		1	3.00	0.45	0.40	0.54			
	2nd Course								
	Vishveshwaraiah park East side	1	164.07	0.60	0.20	19.69			
	Vishveshwaraiah park south side	1	102.27	0.60	0.20	12.27			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	West side	1	129.14	0.60	0.20	15.50			
	North side	1	38.56	0.60	0.20	4.63			
	Gates	1	2.60	0.60	0.20	0.31			
		1	2.30	0.60	0.20	0.28			
		1	2.03	0.60	0.20	0.24			
		1	4.10	0.60	0.20	0.49			
	Sai baba (Cauvery) Park north side	1	91.53	0.60	0.20	10.98			
	East side	1	48.70	0.60	0.20	5.84			
	South side	1	101.58	0.60	0.20	12.19			
	Gates	1	4.00	0.60	0.20	0.48			
		1	3.00	0.60	0.20	0.36			
						208.16	**Cum**	**1476.00**	**307250.06**
	Approved Amount	**1476.00**							
	Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, including removal and disposal of top organic soil not exceeding 150 mm in thickness. By Manual Means In area of light jungle Pg No 7 It No 2.4 (i) (A) of Vol III of PWD SR 2021-22								
						0.00	**Ha**	**192664.00**	**0.00**
	Approved Amount	**192664.00**							
	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work In all kinds of soils Depth upto 1.5 m Pg No 5 It No 1.4.1 of PWD SR 2021-22								
	For Drain	1	30.00	0.90	0.75	20.25			
		1	20.00	0.90	0.75	13.50			
	For Flaging Concrete	1	32.90	1.00	0.20	6.58			
		1	32.90	0.60	0.20	3.95			
		2	10.50	2.00	0.20	8.40			
	Vishveshwaraiah park East side	1	164.07	0.90	0.90	132.90			
	Vishveshwaraiah park south side	1	102.27	0.90	0.30	27.61			
	West side	1	129.14	0.90	0.30	34.87			
	North side	1	38.56	0.90	0.30	10.41			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Gates	1	2.60	0.90	0.30	0.70			
		1	2.30	0.90	0.30	0.62			
		1	2.03	0.90	0.30	0.55			
		1	4.10	0.90	0.30	1.11			
	Sai baba (Cauvery) Park north side	1	91.53	0.90	0.30	24.71			
	East side	1	48.70	0.90	0.30	13.15			
	South side	1	101.58	0.90	0.30	27.43			
	Gates	1	4.00	0.90	0.30	1.08			
		1	3.00	0.90	0.30	0.81			
	For Benches Platform								
	Raj kumar Park	19	2.40	2.00	0.30	27.36			
	Saibaba Park (Cauvery park)	14	2.40	2.00	0.30	20.16			
	Entrance to Vishweshwaraih park designer tiles	1	7.90	4.00	0.30	9.48			
	Entrance to Vishweshwaraih park designer tiles	1	2.15	1.70	0.30	1.10			
		1	2.50	3.65	0.30	2.74			
	ISRO Layout								
	East side	1	42.40	0.90	0.90	34.34			
	Gate	1	3.80	0.90	0.90	3.08			
		1	15.00	0.90	0.90	12.15			
	North side	1	59.70	0.90	0.90	48.36			
	Gate	1	1.50	0.90	0.90	1.22			
		1	1.40	0.90	0.90	1.13			
	East side	1	22.00	0.90	0.90	17.82			
	North side	1	16.00	0.90	0.90	12.96			
	West side	1	114.25	0.90	0.90	92.54			
	Puttenahalli Lake from Bus depo to Anathapura gate	1	213.45	0.90	0.90	172.89			

Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
Isro Layout Pathway								
North to south	1	20.60	2.50	0.30	15.45			
Gate portion	1	5.00	4.45	0.30	6.68			
Gate	1	5.00	4.40	0.30	6.60			
	1	28.00	2.50	0.30	21.00			
East to west	1	141.30	2.62	0.30	111.06			
Yelahanka Lake								
SSM Foundation								
LHS Side	1	44.00	0.80	0.60	21.12			
For Cobble Stone								
Yelahanka Lake Surrounding	1	121.40	7.00	0.25	212.45			
					1180.31	**Cum**		
			Upto 125%		**486.46**	**Cum**	**205.00**	**99724.81**
			Above 125%		**693.85**	**Cum**	**205.00**	**142238.57**
Approved Amount	**205.00**							

Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:4:8 (M5) Using 40 mm nominal size graded crushed coarse aggregates Pg No 15 It No 2.1.2 of PWD SR 2021-22

For Drain	1	30.00	0.90	0.15	4.05			
	1	20.00	0.90	0.15	2.70			
For Flaging Concrete	1	32.90	1.00	0.15	4.94			
	1	32.90	0.60	0.15	2.96			
	2	10.50	2.00	0.15	6.30			
Vishveshwaraiah park East side	1	164.07	0.90	0.15	22.15			
Vishveshwaraiah park south side	1	102.27	0.90	0.15	13.81			
West side	1	129.14	0.90	0.15	17.43			
North side	1	38.56	0.90	0.15	5.21			
Gates	1	2.60	0.90	0.15	0.35			
	1	2.30	0.90	0.15	0.31			
	1	2.03	0.90	0.15	0.27			
	1	4.10	0.90	0.15	0.55			

Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
Sai baba (Cauvery) Park north side	1	91.53	0.90	0.15	12.36			
East side	1	48.70	0.90	0.15	6.57			
South side	1	101.58	0.90	0.15	13.71			
Gates	1	4.00	0.90	0.15	0.54			
	1	3.00	0.90	0.15	0.41			
For Benches Platform								
Raj kumar Park	19	2.40	2.00	0.15	13.68			
Saibaba Park (Cauvery park)	14	2.40	2.00	0.15	10.08			
East side	2	80.00	0.90	0.15	21.60			
North side	2	85.00	0.90	0.15	22.95			
Entrance to Vishweshwaraih park designer tiles	1	7.90	4.00	0.15	4.74			
Entrance to Vishweshwaraih park designer tiles	1	2.15	1.70	0.15	0.55			
	1	2.50	3.65	0.15	1.37			
ISRO Layout								
East side	1	42.40	0.90	0.15	5.72			
Gate	1	3.80	0.90	0.15	0.51			
	1	15.00	0.90	0.15	2.03			
North side	1	59.70	0.90	0.15	8.06			
Gate	1	1.50	0.90	0.15	0.20			
	1	1.40	0.90	0.15	0.19			
East side	1	22.00	0.90	0.15	2.97			
North side	1	16.00	0.90	0.15	2.16			
West side	1	114.25	0.90	0.15	15.42			
Puttenahalli Lake from Bus depo to Anathapura gate	1	213.45	0.90	0.15	28.82			
Yelahanka Lake								
SSM Foundation								
LHS Side	1	44.00	0.80	0.15	5.28			
					260.95	**Cum**	**6135.00**	**1600923.96**
Approved Amount	**6135.00**							
Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) Pg No 9 It No 5.4 of PWD SR 2021-22								

Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
1st Step Below Foundation								
Vishveshwaraiah park East side	1	164.07	0.60	0.45	44.30			
Vishveshwaraiah park south side	1	102.27	0.60	0.45	27.61			
West side	1	129.14	0.60	0.45	34.87			
North side	1	38.56	0.60	0.45	10.41			
Gates	1	2.60	0.60	0.45	0.70			
	1	2.30	0.60	0.45	0.62			
	1	2.03	0.60	0.45	0.55			
	1	4.10	0.60	0.45	1.11			
Sai baba (Cauvery) Park north side	1	91.53	0.60	0.45	24.71			
East side	1	48.70	0.60	0.45	13.15			
South side	1	101.58	0.60	0.45	27.43			
Gates	1	4.00	0.60	0.45	1.08			
	1	3.00	0.60	0.45	0.81			
ISRO Layout								
East side	1	42.40	0.60	0.60	15.26			
Gate	1	3.80	0.60	0.60	1.37			
	1	15.00	0.60	0.60	5.40			
North side	1	59.70	0.60	0.60	21.49			
Gate	1	1.50	0.60	0.60	0.54			
	1	1.40	0.60	0.60	0.50			
East side	1	22.00	0.60	0.60	7.92			
North side	1	16.00	0.60	0.60	5.76			
West side	1	114.25	0.60	0.60	41.13			
Puttenahalli Lake from Bus depo to Anathapura gate	1	213.45	0.60	0.60	76.84			
Yelahanka Lake								
SSM Foundation								
LHS Side	1	44.00	0.75	0.60	19.80			
2nd Step Above Ground Level								

Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
Vishveshwaraiah park East side	1	164.07	0.45	0.60	44.30			
Vishveshwaraiah park south side	1	102.27	0.45	0.65	29.91			
West side	1	129.14	0.45	0.65	37.77			
North side	1	38.56	0.45	0.66	11.45			
Sai baba (Cauvery) Park north side	1	91.53	0.45	0.80	32.95			
East side	1	48.70	0.45	0.65	14.24			
South side	1	101.58	0.45	0.70	32.00			
ISRO Layout								
East side	1	42.40	0.45	0.50	9.54			
	1	15.00	0.45	0.50	3.38			
North side	1	59.70	0.45	0.50	13.43			
	1	1.40	0.45	0.60	0.38			
East side	1	22.00	0.45	0.45	4.46			
North side	1	16.00	0.45	0.45	3.24			
West side	1	114.25	0.45	0.50	25.71			
Puttenahalli Lake from Bus depo to Anathapura gate	1	213.45	0.45	0.60	57.63			
Yelahanka Lake								
SSM Foundation								
LHS Side	1	44.00	0.60	0.56	14.89			
RHS Side	1	44.00	1.00	0.48	21.12			
					739.77	**Cum**	**6206.32**	**4591236.12**
Approved Amount	**6206.32**							
Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) (Available Stone) Pg No 9 It No 5.4 of PWD SR 2021-22								
1st Course Below Ground Level with available stones								
Vishveshwaraiah park East side	1	164.07	0.75	0.20	24.61			
Vishveshwaraiah park south side	1	102.27	0.75	0.20	15.34			
West side	1	129.14	0.75	0.20	19.37			
North side	1	38.56	0.75	0.20	5.78			
Gates	1	2.60	0.75	0.20	0.39			

Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	1	2.30	0.75	0.20	0.35			
	1	2.03	0.75	0.20	0.30			
	1	4.10	0.75	0.20	0.62			
Sai baba (Cauvery) Park north side	1	91.53	0.75	0.20	13.73			
East side	1	48.70	0.75	0.20	7.31			
South side	1	101.58	0.75	0.20	15.24			
Gates	1	4.00	0.75	0.20	0.60			
	1	3.00	0.75	0.20	0.45			
					104.08	**Cum**	**4764.69**	**495918.09**
Approved Amount	**4764.69**							
Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates Pg No 17 It No 2.1.4 of PWD SR 2021-22								
Coping Concrete								
Vishveshwaraiah park East side	1	161.47	0.45	0.10	7.27			
Vishveshwaraiah park south side	1	99.97	0.45	0.10	4.50			
West side	1	127.11	0.45	0.10	5.72			
North side	1	38.56	0.45	0.10	1.74			
Sai baba (Cauvery) Park north side	1	87.43	0.45	0.10	3.93			
East side	1	48.70	0.45	0.10	2.19			
South side	1	98.58	0.45	0.10	4.44			
For Poles								
Vishveshwaraiah park	130	0.45	0.45	0.50	13.16			
Sai baba (Cauvery) Park	70	0.45	0.45	0.50	7.09			
For Benches Platform								
Raj kumar Park	19	2.40	2.00	0.15	13.68			

Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
Sai baba Park (Cauvery park)	14	2.40	2.00	0.15	10.08			
Entrance to Vishweshwaraih park designer tiles	1	7.90	4.00	0.15	4.74			
Entrance to Vishweshwaraih park designer tiles	1	2.15	1.70	0.15	0.55			
	1	2.50	3.65	0.15	1.37			
For Kerb bottom concrete								
Vishveshwaraiah park North gate to south	2	350.30	0.25	0.15	26.27			
From east gate to west	2	107.50	0.25	0.15	8.06			
Sai baba (Cauvery) Park west side near RO plant	2	282.65	0.25	0.15	21.20			
Rajkumar park from Bangalore one to entry gate	2	299.15	0.25	0.15	22.44			
For Pathway bottom concrete								
Vishveshwaraiah park North gate to south	1	350.30	2.04	0.15	107.19			
From east gate to west	1	47.50	1.80	0.15	12.83			
Accupanture pathway Front of Gajjibo	1	60.00	1.85	0.15	16.65			
Sai baba (Cauvery) Park west side near RO plant	1	282.65	1.87	0.15	79.28			
Rajkumar park from Bangalore one to entry gate	1	299.15	2.26	0.15	101.41			
Vishveshwaraiah park Shoulder drains	1	36.50	1.00	0.15	5.48			
Raj Kumar park Shoulder drains	1	10.00	1.00	0.15	1.50			
For Kerb bottom concrete								
ISRO Layout								
Isro layout North to south	2	58.60	0.25	0.15	4.40			
East to west	2	120.60	0.25	0.15	9.05			
For Pathway bottom concrete								
Isro layout North to south	1	20.60	2.00	0.15	6.18			
Gate portion	1	5.00	4.15	0.15	3.11			
Gate	1	5.00	4.10	0.15	3.08			
East to west	1	61.00	2.00	0.15	18.30			

Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
Gate	1	3.00	1.55	0.15	0.70			
	1	75.30	2.05	0.15	23.15			
Opposite gate	1	9.30	3.30	0.15	4.60			
For Gajebo								
Vishveshwaraiah park	1	18.00	1.95	0.10	3.51			
Sai baba (Cauvery) Park	1	18.00	1.90	0.10	3.42			
Vishveshwaraiah park Benches	7	2.40	2.00	0.10	3.36			
Coping Concrete								
Yelahanka Lake								
SSM Foundation								
LHS Side	1	44.00	0.60	0.10	2.64			
RHS Side	1	44.00	1.00	0.10	4.40			
For Cobble Stone								
Yelahanka Lake Surrounding	1	121.40	7.00	0.15	127.47			
					700.12	**Cum**		
			Upto 125%		**613.33**	**Cum**	**6782.98**	**4160170.96**
			Above 125%		**86.79**	**Cum**	**6782.98**	**588722.78**
Approved Amount	**6782.98**							
Providing and laying heavy duty cobble stones 65mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per m2 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and Usage charges of machinery complete as per specifications.Pg No 64 It No 9.31 of PWD SR 2021-22								
For Pathway								
Vishveshwaraiah park North gate to south	1	350.30	2.04		714.61			
From east gate to west	1	47.50	1.80		85.50			
Accupanture pathway Front of Gajjibo	1	60.00	1.85		111.00			
Sai baba (Cauvery) Park west side near RO plant	1	254.55	1.80		458.19			
Rajkumar park from Bangalore one to entry gate	1	277.85	2.26		627.94			
					1997.24			
Deduct re-used Cobble Stone qty paid vide item No-10					**599.17**			
					1398.07			
ISRO Layout								
For Pathway								
Isro layout North to south	1	20.60	2.00		41.20			
Gate portion	1	5.00	4.15		20.75			

Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
Gate	1	5.00	4.10		20.50			
East to west	1	61.00	2.00		122.00			
Gate	1	3.00	1.55		4.65			
	1	75.30	2.05		154.37			
Opposite gate	1	9.30	3.30		30.69			
For Cobble Stone								
Yelahanka Lake Surrounding	1	121.40	7.00		849.80			
					1243.96			
					2642.03	**Sqm**		
			Upto 125%		**1840.94**	**Sqm**	**1243.59**	**2289380.30**
			Above 125%		**801.09**	**Sqm**	**1243.59**	**996228.37**
Approved Amount	**1243.59**							
Removing and Resetting of Cobblestone [Approved Data Rate]								
Re-use of available Cobble stones					**599.17**			
					599.17	**Sqm**	**434.92**	**260591.32**
Approved Amount	**434.92**							
Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/ trap/ basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregatesPg No 15 It No 2.2.1.1 of PWD SR 2021-22								
For Drain bottom	1	30.00	0.70	0.15	3.15			
	1	20.00	0.70	0.15	2.10			
For Drain walls	2	30.00	0.60	0.15	5.40			
	2	20.00	0.60	0.15	3.60			
Covering slab	1	30.00	0.70	0.10	2.10			
	1	20.00	0.70	0.10	1.40			
For Flaging Concrete	1	32.90	1.00	0.15	4.94			
	1	32.90	0.60	0.15	2.96			
	2	10.50	2.00	0.15	6.30			
Accupanture pathway								
Sai baba (Cauvery) Park	1	28.90	2.20	0.15	9.54			
Rajkumar park	1	21.30	1.80	0.15	5.75			
Vishveshwaraiah park	1	60.00	1.85	0.15	16.65			
Coping Concrete								
ISRO Layout								
South side	1	7.10	0.45	0.065	0.21			
East side	1	57.40	0.45	0.065	1.68			
North side	1	61.10	0.45	0.065	1.79			
East side	1	22.00	0.45	0.065	0.64			

Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
North side	1	16.00	0.45	0.065	0.47			
West side	1	114.25	0.45	0.065	3.34			
For Poles								
Isro layout park	65	0.45	0.45	0.40	5.27			
Puttenahalli Lake from Bus depo to Anathapura gate	1	213.45	0.45	0.065	6.24			
For Poles								
Puttenahalli lake bus depo to Anathapura gate	85	0.45	0.45	0.40	6.89			
					90.40	**Cum**		
			Upto 125%		**30.38**	**Cum**	**7132.47**	**216648.70**
			Above 125%		**60.03**	**Cum**	**7132.47**	**428158.64**
Approved Amount	**7132.47**							
Removing and resetting of kerb stones [Approved Data Rate]								
re-used kerb stones					685.08			
					685.08	**m**	**134.94**	**92445.52**
Approved Amount	**134.94**							
Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete [Approved Data Rate]								
For Kerb Stones								
Vishveshwaraiah park North gate to south	2	342.80			685.60			
From east gate to west	2	115.00			230.00			
Sai baba (Cauvery) Park west side near RO plant	2	252.65			505.30			
Rajkumar park from Bangalore one to entry gate	2	322.25			644.50			
Vishweshwaraiah park Childrens play area	2	13.50			27.00			
	1	8.20			8.20			
For Benches Platform								
Raj kumar Park	19	5.80			110.20			
Saibaba Park (Cauvery park)	14	5.80			81.20			
Entrance to Vishweshwaraih park designer tiles	1	7.90			7.90			

Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
Entrance to Vishweshwaraih park designer tiles	1	1.70			1.70			
	1	3.65			3.65			
Vishveshwaraiah park Shoulder drains								
	2	31.05			62.10			
Raj Kumar park Shoulder drains								
	2	10.00			20.00			
					2387.35			
Deduct re-used kerb stones qty paid vide item No-12					685.08			
					1702.27			
For Kerb								
ISRO Layout								
Isro Layout Pathway	2	20.60			41.20			
Isro layout North to south	2	68.00			136.00			
East to west	2	111.30			222.60			
					399.80			
					2102.07			
					4671.00	**Nos**	**580.54**	**2711694.87**
Approved Amount	**580.54**							
Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces Pg No 55 It No 8.10 of Vol 3 of PWD SR 2021-22								
Vishveshwaraiah park North gate to south	2	342.80		0.30	205.68			
From east gate to west	2	115.00		0.30	69.00			
Sai baba (Cauvery) Park west side near RO plant	2	252.65		0.30	151.59			
Rajkumar park from Bangalore one to entry gate	2	322.25		0.30	193.35			
Vishweshwaraiah park Childrens play area	2	13.50		0.30	8.10			
	1	8.20		0.30	2.46			
For Benches Platform								
Raj kumar Park	19	5.80		0.30	33.06			
Saibaba Park (Cauvery park)	14	5.80		0.30	24.36			

Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
Entrance to Vishweshwaraih park designer tiles	1	7.90		0.30	2.37			
Entrance to Vishweshwaraih park designer tiles	1	1.70		0.30	0.51			
	1	3.65		0.30	1.10			
Vishveshwaraiah park Shoulder drains								
	2	31.05		0.30	18.63			
Raj Kumar park Shoulder drains								
	2	10.00		0.30	6.00			
ISRO Layout								
Isro Layout Pathway	2	20.60		0.30	12.36			
Isro layout North to south	2	68.00		0.30	40.80			
East to west	2	111.30		0.30	66.78			
					836.15	**Sqm**	**97.08**	**81172.96**
Approved Amount	**97.08**							

Fabricating, providing and erecting in position of MS. Hot dip galvanized Sq. Hallow Poles of 132*132 Heavy gauge of length 3000mm with MS. Hot dip galvanized grill work as per approved design and drawing of chief architect. Using 12*75mm galvanized flat for alround frame and 20mm*20mm galvanized- forged design with square for vertical at 150mm C/C as shown in the drawing including providing forged ornamental arrowhead at top and bottom. The work is inclusive of throughing flat, square rods, placing welding all the joints, including grinding, finishing 2 coats of anticorrosive paint over one coat of metal primer. The rate is inclusive of all materials like MS. Hollow galvanized pipe, flat, forged square rods, cost of labour for all items of work cost painting, welding, cutting, grinding with all lead and lift as per specification including loading with cost and conveyance of all materials, labour, machinery and incidental charges for the successful complete of the work as per the direction Engineer-in-charge of the work. [Data Rate]

MS grill to Compound wall	1	30.00		1.80	54.00			
	1	22.50		1.80	40.50			
Vishveshwaraiah park East side	1	161.47		1.80	290.65			
Vishveshwaraiah park south side	1	99.97		1.80	179.95			
West side	1	127.11		1.80	228.80			
North side	1	38.56		1.80	69.41			
Sai baba (Cauvery) Park	1	234.71		1.86	436.56			
ISRO Layout								

Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
South side	1	7.11		1.82	12.93			
East side	1	57.40		1.82	104.47			
North side	1	61.10		1.82	111.20			
East side	1	22.00		1.82	40.04			
North side	1	16.00		1.82	29.12			
West side	1	114.25		1.82	207.94			
Puttenahalli Lake from Bus depo to Anathapura gate	1	213.45		1.82	388.48			
					2194.03	**Sqm**	**16265.75**	**35687612.43**
Approved Amount	**16265.75**							

Fabricating, providing and erecting in position Hot dip galvanised Gate. Using 72*72*4.8mm Sq. GI Pipe frame with top pipe bending in heavy duty hydraolic press with sand packing and hot bending to form double arch as per drawing profile,20mm hot dip galvanised sq.rod for verticals at 150mm c/c, as shown in the drawing including providing hot dip galvanised forged omamental design in between sq.rods and heads at top,middle and bottom. Intermediate supports of 75*12mm and 50*6mm arch bent to hot .dip galvanised flats.the work is inclusive of throughing GI.flat GI sq.rods,placing,welding all the joints including grinding,finishing metal patty,painting wo coats enamel painting.The rate is inclusive of all materials like GI sq.pipe,GI.Sq.rods,GI forged designs etc., heavy duty hinges are made out of 75mm solid sq.block assembled with 20mm dia bearing in the three places for each flop. Heavy duty locking arrangements at low places including cost of labou,pailnting,erecting charges using hoist pulley cranes with all lead and lift,loading,transportation,unloading,scaffolding charges and all other incidental charges for sucessful completion of the work as per directions of the Engineer-in-charge of the work.[Data Rate]

Vishveshwaraiah park Gate	1	4.14		2.94	12.17			
	1	2.59		3.18	8.24			
	1	2.31		2.70	6.24			
	1	2.03		2.83	5.74			
Sai baba (Cauvery) Park	1	3.65		3.09	11.28			
	1	3.05		2.29	6.98			
	1	2.22		2.76	6.13			
Isro Layout Park	1	5.00		2.05	10.25			
	1	1.50		2.45	3.68			
					70.70	**Sqm**		
			Upto 125%		**55.80**	**Sqm**	**22218.70**	**1239803.44**
			Above 125%		**14.90**	**Sqm**	**22218.70**	**331167.50**
Approved Amount	**22218.70**							

Providing, laying & fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification.Pg No 65 It No 9.40 of PWD SR 2021-22

Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
For Benches Platform								
Raj kumar Park	19	2.00	1.60		60.80			
Saibaba Park (Cauvery park)	14	2.00	1.60		44.80			
Entrance to Vishweshwaraih park designer tiles	1	7.90	4.00		31.60			
Entrance to Vishweshwaraih park designer tiles	1	2.15	1.70		3.66			
	1	2.50	3.65		9.13			
For Gajebo								
Vishveshwaraiah park	1	18.00	2.05		36.90			
Sai baba (Cauvery) Park	1	18.00	2.10		37.80			
Vishveshwaraiah park Benches	7	2.40	2.00		33.60			
					258.28	**Sqm**	**1303.78**	**336741.43**
Approved Amount	**1303.78**							
Providing & fixing on roof pressed clay tile (Mangalore tile) of 20 mm nominal thickness and of approved size and as per approved pattern on steel frame work complete. Pg No 26 It No 7.35 of PWD SR 2021-22								
For Gajebo								
Vishveshwaraiah park	1*3.14*(7.65*7.65)/4				45.94			
Sai baba (Cauvery) Park	1*3.14*(7.5*7.5)/4				44.16			
					90.10	**Sqm**	**299.01**	**26939.40**
Approved Amount	**299.01**							
Executive Bench- Made out of Sadarahalli grey granite stone with hand supports with 3 line finishing with arch/plain design with 100mm slabs. Height 90x Length 1500 width 45 cms (1.50 * 0.45 * 0.90m) (Including lead and lift charges) (Inclusive of all taxes) As per the direction of Engineer Incharge[Data Rate]								
Raj kumar Park	19				19.00			
Saibaba Park (Cauvery park)	14				14.00			
Vishveshwaraiah park Benches	7				7.00			
					40.00	**each**	**18940.31**	**757612.32**
Construction of Embankment by excavating the available approved Gravel/Murrum deposited at a place or borrow pits during or prior excavation with all lifts and lead, transportation to site, spreading, grading to required slope and compacting to meet the requirement complete as per specifications, including cost of labour,rolling,water,all materials,usage& all other appurtenaces required to complete the work. Pg No 7 It No 1.8 of Vol 1 of PWD SR 2021-22								
ISRO Layout								
For Pathway								
Isro layout North to south	1	20.60	2.00	0.25	10.30			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Gate portion	1	5.00	4.15	0.25	5.19			
		1	5.00	4.10	0.25	5.13			
	Gate	1	61.00	2.00	0.25	30.50			
	East to west	1	3.00	1.55	0.25	1.16			
	Gate	1	75.30	2.05	0.25	38.59			
	Opposite gate	1	9.30	3.30	0.25	7.67			
	For Cobble Stone Yelahanka Lake Surrounding	1	54.70	7.00	0.25	95.73			
						194.26	**Cum**		
				Upto 125%		**4.98**	**Cum**	**460.16**	**2289.29**
				Above 125%		**189.29**	**Cum**	**460.16**	**87102.96**
	Approved Amount	**460.16**							
21	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates Pg No 15 It No 2.2.1.1 of Vol 1 of PWD SR 2021-22								
						0.00	**Cum**	**7488.75**	**0.00**
	Approved Amount	**7488.75**							
22	Providing and laying in Reinforced cement concrete for all Basement & surface level works, return walls, retaining walls, sunken floors etc. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates Pg No 16 It No 2.3.1 of Vol 1 of PWD SR 2021-22								
	Yelahanka Lake								
	RHS Side								
	Bottom Raft	1	46.10	0.60	0.20	5.53			
	RCC Wall	2	46.10	0.30	0.35	9.68			
	Top Slab	1	46.10	0.60	0.15	4.15			
						19.36	**Cum**	**7518.85**	**145579.90**
	Approved Amount	**7518.85**							
23	Supplying, Fitting and Placing TMT Fe 500 & above Reinforcement in Foundation / Substructure / Superstructure complete as per Drawing and Technical Specifications. Pg No 71 It No 9.3 of Vol 3 of PWD SR 2021-22 and Issue Rate as on 07-04-2022								
	Staircase		28.40		100.00	2840.26			
	Wall		19.36		52.00	1006.82			
						3847.08			
						3.85	**Tonne**	**107945.19**	**415274.23**

	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Approved Amount	**107945.19**							
1	Providing 15 mm cement plaster on the rough side of single or half brick wall of mix : 1:6 (1 cement: 6 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. Pg No 41 It No 8.2.1 of PWD SR 2021-22								
	Yelahanka Lake								
	RHS Side								
	For Top Area	1	46.10	0.70		32.27			
	For Side Wall	1	46.10		0.30	13.83			
	For SSM Area	1	46.10	0.25		11.53			
	For SSM Wall								
		1	15.40		0.30	4.62			
		1	16.30		0.55	8.97			
		1	14.40		0.50	7.20			
	At End								
		1	0.75	0.90		0.68			
		1	0.25	0.55		0.14			
						79.22	**Sqm**		
				Upto 125%		**31.73**	**Sqm**	**289.30**	**9177.99**
				Above 125%		**47.50**	**Sqm**	**289.30**	**13740.95**
	Approved Amount	**289.30**							
2	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.** Polished Granite stone slab Black, Cherry Red, Brown, Cat Eye, River Pink or equivalent. Pg No 63 It No 9.24 of PWD SR 2021-22								
	GF Staircase								
	Tread	22	1.47	0.30		9.70			
	Rise	23	1.47	0.15		5.07			
	Landing	1	1.90	3.35		6.37			
		1	13.75	1.80		24.75			
	Corridor	1	27.70	1.80		49.86			
						95.75	**Sqm**		
				Upto 125%		**93.14**	**Sqm**	**3297.81**	**307149.56**
				Above 125%		**2.61**	**Sqm**	**3297.81**	**8610.58**
	Approved Amount	**3297.81**							
3	Providing and fixing of wall cladding using 20mm thick gang saw water cut Shiva gold granite, grey granite in CM 1:3 (1 cement : 3 coarse sand) proportion cut to required shape, pattern with paper joints, finished with cement mortal using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete. Pg No 72 It No 10.18 of PWD SR 2021-22								
	GF Staircase								

	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Clading	1	1.65		1.15	1.90			
		1	3.7		1.15	4.26			
		1	1.37		1.15	1.58			
		1	0.9		1.15	1.04			
		1	0.9		1.15	1.04			
	Window portion	1	1.45		0.18	0.26			
		1	1.4		1.15	1.61			
		1	4		1.15	4.60			
		1	1.78		1.15	2.05			
	Corridor clading	1	0.97		0.87	0.84			
		1	8.03		0.87	6.99			
		1	7.05		0.87	6.13			
		1	1.67		0.87	1.45			
	Corridor Entry side	1	1.80		0.90	1.62			
		1	4.45		0.90	4.01			
		1	4.30		0.90	3.87			
		1	4.33		0.90	3.90			
		1	4.33		0.90	3.90			
		1	4.23		0.90	3.81			
		1	1.80		0.90	1.62			
						56.45	**Sqm**	**3517.21**	**198540.79**
	Approved Amount	**3517.21**							
7	Artist Custom designed light art sculptures life size various postures made with use of 6mm & 8mm MS sheet metal, fabrication with description of each sculpture. Sculpture lighting with IP67 grade LED RGBW scuplture lights with profile and casing, 24V with DC drivers, waterproof enclosures, accessories, cables, metal base, platform to base holding bolts and nuts, clamps, complete installation at project site as per base platforms, light and sculpture integration. Design to build artworks, sculptor fee, Labour, transportation, installation at predefined site locations.[data Rate]								
	Yelahanka Lake	12				12.00			
						12.00	**each**	**624418.56**	**7493022.72**
	Approved Amount	**624418.56**							
8	Artist Custom designed Light art sculpture - social media selfie photobooth made of sheet metal and wood material, duco paint finishing, engraved letters as per approved designs.Design to build artworks, transportation, artist fee, labour, installation, integration selfie lights comprising LED RGBW sculpture lights with IP67 protection, 24V, DC drivers, accessories, wires at predefined site locations[data Rate]								
						0.00	**each**	**1144767.36**	**0.00**
	Approved Amount	**1144767.36**							

Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
Artist custom designed dynamic and colouful 3D LED light Sign (NAMMA YELAHANKA) measuring 16.5 mtrs x 3 mts made up of trimp cap with acrylic sheet with support metal fabrication for each section for firm ground hold, IP67 grade RGBW LED signage lights with capability of creating millions of light combination, programming combinations, 24V with necessary drivers, heat dissipitation body, DMX 512 control, T & I Connectors with dxm cables and splitters, strobe lights, accessories, base plates, power integration, light programming, Design for build artfles, artist fee, deployment at project site, labour, installation, transportation at predefined site locations [data Rate]								
					0.00	**each**	**5331493.80**	**0.00**
Approved Amount	**5331493.80**							
Finishing walls with water proofing cement paint of required shade :New work (Two coats applied @ 4.84 kg/10 m²) to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. Pg No 45 It No 8.28 of PWD SR 2021-22								
GF External	1	31.40		3.50	109.90			
	1	27.85		3.50	97.48			
	2	6.50		3.50	45.50			
Corridor Parapet	2	1.80		0.97	3.49			
	2	4.45		0.97	8.63			
	2	4.30		0.97	8.34			
	2	4.33		0.97	8.40			
	2	4.33		0.97	8.40			
	2	4.23		0.97	8.21			
	2	1.80		0.97	3.49			
Deductions								
D	-3	1.50		2.10	-9.45			
W	-6	1.50		1.35	-32.40			
Staircase W	-1	1.45		1.00	-1.45			
Yelahanka Lake								
LHS Side								
	1	12.30		0.55	6.77			
	1	14.30		0.65	9.30			
	1	15.00		0.55	8.25			
	1	2.40		0.35	0.84			
Bridge-1								
	2	43.00		1.25	107.50			
Bridge-2								
	2	43.00		1.25	107.50			
					498.69	**Sqm**		
			Upto 125%		**387.43**	**Sqm**	**94.17**	**36482.88**
			Above 125%		**111.27**	**Sqm**	**94.17**	**10477.61**
Approved Amount	**94.17**							

Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: One coats on old work as per specifications and as per directions of Engineer in charge. Pg No 51 It No 8.63 of PWD SR 2021-22								
Internal Painting								
Room-1	2	6.50		3.30	42.90			
	2	7.90		3.30	52.14			
Room-2	2	6.55		3.30	43.23			
	2	7.70		3.30	50.82			
Room-3	2	7.60		3.30	50.16			
	2	6.53		3.30	43.10			
Staircase	2	6.50		3.30	42.90			
	1	4.30		3.30	14.19			
Deductions								
D	-3	1.50		2.1	-9.45			
W	-16	1.50		1.35	-32.40			
Staircase W	-1	1.45		1	-1.45			
V	-6	1.50		0.3	-2.70			
					293.44	**Sqm**	**88.34**	**25923.13**
Approved Amount	**88.34**							
Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings / wooden frames with rawl plugs screws etc. Pg No 84 It No 11.34 B of PWD SR 2021-22								
Corridor	1	1.80		2.07	3.73			
	1	4.45		2.07	9.21			
	1	4.30		2.07	8.90			
	1	4.33		2.07	8.96			
	1	4.33		2.07	8.96			
	1	4.23		2.07	8.76			
	1	1.80		2.07	3.73			
GF corridor Door	1	3.35		2.71	9.09			
	1	4.27		2.71	11.57			
					72.90			
At 65 kg per sqm					**4738.65**	**kg**		
			Upto 125%		**2068.13**	**kg**	**195.13**	**403554.89**
			Above 125%		**2670.52**	**kg**	**195.13**	**521101.43**
Approved Amount	**195.13**							

Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. M.S. tube including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineerin- Charge.Pg No 82 It No 11.26.1 of PWD SR 2021-22								
Railings	1	3.70		0.90	3.33			
	1	4.00		0.92	3.66			
Railings	1	3.60		0.80	2.88			
	1	3.80		0.70	2.66			
					12.53			
At 55 kg per sqm					**689.15**	**kg**		
			Upto 125%		**262.50**	**kg**	**126.20**	**33128.55**
			Above 125%		**426.65**	**kg**	**126.20**	**53844.94**
Approved Amount	**126.20**							
Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (Including Centering and Shuttering for Columns) Pg No 15 It No 2.2.2.1 of PWD SR 2021-22								
Columns type-1	16	0.30	0.25	3.10	5.22			
Columns type-2	8	0.23	0.23	3.10	2.81			
					8.03	**Cum**	**7992.60**	**64195.89**
Approved Amount	**7992.60**							
Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (Including Centering and Shuttering for Lintel, Beams, Slab) Pg No 15 It No 2.2.2.1 of PWD SR 2021-22								
Lintel LW	1	31.40	0.20	0.23	2.94			
Lintel LW	1	27.85	0.20	0.23	2.78			
Short walls	6	6.50	0.20	0.23	3.29			
Chejja	12	1.80	0.45	0.23	3.74			
Staircase Steps	22	1.60	0.30	0.15	3.08			
Staircase 1st Waist Slab	1	3.50	1.60	0.150	2.34			
2nd Waist Slab	1	4.00	1.60	0.150	2.46			
Landing	1	3.50	1.70	0.150	2.39			
RCC Beams LW	3	31.40	0.30	0.45	14.22			
Shortwalls	8	9.00	0.30	0.75	17.70			

Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
Roof slab	1	27.85	9.00	0.15	39.10			
Roof slab	1	3.55	3.70	0.15	3.47			
Additional Staircase at Block-2								
First Flight	1	3.50	2.20	0.20	1.54			
Steps	22	2.50	0.30	0.15	2.48			
Landing	1	5.00	2.20	0.20	2.20			
Second Flight	1	1.20	2.20	0.15	0.40			
Water proofing concrete for terrace								
	1	3.55	3.70	0.11	1.44			
					105.57	**Cum**		
			Upto 125%		**89.34**	**Cum**	**8719.73**	**778998.49**
			Above 125%		**16.23**	**Cum**	**8719.73**	**141562.13**
Approved Amount	**8719.73**							
Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately) First Floor Pg No 84 It No 11.32 of PWD SR 2021-22								
Column-1		32.74		100.00	3274.28			
Column-2		4.49		100.00	449.14			
Lintel		13.73		90.00	1235.49			
Chejja		4.80		80.00	384.00			
Staircase		27.43		75.00	2056.93			
Roof Beam		44.50		80.00	3560.39			
Roof Slab		42.00		90.00	3780.00			
RCC Drain		17.75		49.50	878.63			
					15618.85	**kg**		
			Upto 125%		**13049.94**	**kg**	**122.32**	**1596278.79**
			Above 125%		**2568.92**	**kg**	**122.32**	**314231.74**
Approved Amount	**122.32**							
Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. First Floor Pg No 17 It No 6.33 of PWD SR 2021-22								
Long Walls	1	31.40		2.10	65.94			
	1	27.85		2.10	58.49			
Short walls	6	6.50		2.10	81.90			
Varenda	1	31.40		1.20	37.68			
Varenda	2	1.80		1.20	4.32			
Deductions								
Columns	-16	0.45		2.10	-15.12			
	-8	0.23		2.10	-3.86			
D	-3	1.50		2.10	-9.45			
W	-16	1.50		1.35	-32.40			

	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Staircase W	-1	1.45		1.00	-1.45			
	V	-6	1.50		0.30	-2.70			
	Lintle	-1	31.40		0.23	-7.22			
		-1	27.85		0.23	-6.41			
		-6	6.50		0.23	-8.97			
	Long Walls	1	31.40		0.70	21.98			
		1	27.85		0.70	19.50			
	Short walls	6	6.50		0.70	27.30			
	For flagging concrete around the Building	2	32.90		0.20	13.16			
		2	10.50		0.20	4.20			
						246.88	**Sqm**	**1232.92**	**304380.45**
	Approved Amount	**1232.92**							
8	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonary including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. First Floor Pg No 41 It No 8.3.1 of PWD SR 2021-22								
	FF External plastering	1	31.40		3.50	109.90			
		1	27.85		3.50	97.48			
		2	6.50		3.50	45.50			
	Corridor Parapet	2	1.80		0.97	3.49			
		2	3.34		0.97	6.48			
		2	4.30		0.97	8.34			
		2	4.33		0.97	8.40			
		2	4.33		0.97	8.40			
		2	4.23		0.97	8.21			
		2	4.33		0.97	8.40			
		2	4.33		0.97	8.40			
		2	4.43		0.97	8.59			
		2	1.8		0.97	3.49			
	Deductions								
	D	-3	1.5		2.1	-9.45			
	W	-12	1.5		1.35	-24.30			
	Staircase W	-1	1.45		1	-1.45			
						289.88	**Sqm**	**443.66**	**128607.68**
	Approved Amount	**443.66**							
9	Providing 12 mm cement plaster with cement mortar 1:6 (1 cement: 6 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. First Floor Pg No 41 It No 8.1.1 of PWD SR 2021-22								
	Ceiling Inside	3	9.00	6.50		175.50			
	Veranda	1	27.30	1.80		49.14			
	Walls	3x2	9.00	3.30		178.20			
		3x2	6.50	3.30		128.70			

	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Staircase	2	6.50	3.30		128.70			
		3x1	1.40	3.30		13.86			
	Deductions								
	D	-3	1.50	2.10		-9.45			
	W	-16	1.50	1.35		-32.40			
	Staircase W	-1	1.45	1.00		-1.45			
	V	-6	1.50	0.30		-2.70			
						628.10	**Sqm**		
				Upto 125%		**588.90**	**Sqm**	**315.51**	**185803.84**
	Approved Amount	**315.51**		**Above 125%**		**39.20**	**Sqm**	**315.51**	**12367.99**
10	Finishing walls with water proofing cement paint of required shade :New work (Two coats applied @ 4.84 kg/10 m²) to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. First Floor Pg No 45 It No 8.28 of PWD SR 2021-22								
	FF External	1	31.40		3.50	109.90			
		1	27.85		3.50	97.48			
		2	6.50		3.50	45.50			
	Corridor Parapet	2	1.80		0.97	3.49			
		2	4.45		0.97	8.63			
		2	4.30		0.97	8.34			
		2	4.33		0.97	8.40			
		2	4.33		0.97	8.40			
		2	4.23		0.97	8.21			
		2	1.8		0.97	3.49			
	Deductions								
	D	-3	1.5		2.1	-9.45			
	W	-6	1.5		1.35	-32.40			
	Staircase W	-1	1.45		1	-1.45			
						258.54	**Sqm**	**95.14**	**24597.14**
	Approved Amount	**95.14**							
1	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: One coats on old work as per specifications and as per directions of Engineer in charge. First Floor Pg No 51 It No 8.63 of PWD SR 2021-22								
	Internal Painting								
	Room-1	2	6.5		3.30	42.90			
		2	7.9		3.30	52.14			
	Room-2	2	6.55		3.30	43.23			
		2	7.7		3.30	50.82			
	Room-3	2	7.6		3.30	50.16			

	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Staircase	2	6.53		3.30	43.10			
		2	6.5		3.30	42.90			
		1	4.3		3.30	14.19			
	Deductions								
	D	-3	1.5		2.1	-9.45			
	W	-16	1.5		1.35	-32.40			
	Staircase W	-1	1.45		1	-1.45			
	V	-6	1.5		0.3	-2.70			
						293.44	**Sqm**	**89.31**	**26208.00**
	Approved Amount	**89.31**							
2	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.** Polished Granite stone slab Black, Cherry Red, Brown, Cat Eye, River Pink or equivalent. Pg No 63 It No 9.24 of PWD SR 2021-22								
	Flooring Room-1	1	6.50	7.90		51.35			
		1	6.50	1.20		7.80			
	Deduct Door Portion	-1	0.70	0.30		-0.21			
	Skirting	2	6.50	0.10		1.30			
		2	7.90	0.10		1.58			
	Deduct Door Portion	1	1.50	0.10		0.15			
	Room-2	1	6.55	7.70		50.44			
		1	6.55	1.23		8.06			
		-1	0.70	0.30		-0.21			
	Skirting	2	6.55	0.10		1.31			
		2	7.70	0.10		1.54			
	Deduct Door Portion	1	1.50	0.10		0.15			
	Room-3	1	7.60	6.53		49.63			
		1	6.53	1.25		8.16			
		-1	0.70	0.30		-0.21			
	Skirting	2	7.60	0.10		1.52			
		2	6.53	0.10		1.31			
	Deduct Door Portion	1	1.50	0.10		0.15			
	Corridor	1	27.70	1.80		49.86			
	Staircase area	1	3.45	3.80		13.11			
	FF Staircase								
	Tread	22	1.60	0.30		10.56			

	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Rise	23	1.60	0.15		5.52			
	Landing	1	1.64	3.33		5.46			
	Yelahanka Lake								
	RHS Side								
	For Top Area	1	46.10	0.70		32.27			
	For Side Wall	1	46.10		0.30	13.83			
	For SSM Area	1	46.10	0.25		11.53			
	Approved Amount	**3330.81**				**325.94**	**Sqm**	**3330.81**	**1085659.77**
3	Providing and fixing of wall cladding using 20mm thick gang saw water cut Shiva gold granite, grey granite in CM 1:3 (1 cement : 3 coarse sand) proportion cut to required shape, pattern with paper joints, finished with cement mortal using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete. Pg No 72 It No 10.18 of PWD SR 2021-22								
	FF Staircase								
	Clading	1	1.40		1.15	1.61			
		1	3.40		1.15	3.91			
		1	1.95		1.15	2.24			
		1	0.87		1.15	1.00			
		1	0.85		1.15	0.98			
	Window portion	1	1.45		0.18	0.26			
		1	1.60		1.15	1.84			
		1	3.40		1.15	3.91			
		1	1.52		1.15	1.75			
	Corridor clading	1	0.97		0.87	0.84			
		1	8.03		0.87	6.99			
		1	8.16		0.87	7.10			
		1	7.05		0.87	6.13			
		1	1.67		0.87	1.45			
	Corridor Entry side	1	1.80		0.90	1.62			
		1	4.45		0.90	4.01			
		1	4.30		0.90	3.87			
		1	4.33		0.90	3.90			
		1	4.33		0.90	3.90			
		1	4.23		0.90	3.81			
		1	1.80		0.90	1.62			
	Yelahanka Lake								

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	R.H.S Side For SSM Wall	1	15.40		0.30	4.62			
		1	16.30		0.55	8.97			
		1	14.40		0.50	7.20			
	At End	1	0.75	0.90		0.68			
		1	0.25	0.55		0.14			
						84.33	**Sqm**	**3552.16**	**299548.44**
	Approved Amount	**3552.16**							
4	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications First Floor Pg No 99 It No 12.11 of PWD SR 2021-22								
	Door	3	7.20	0.15	0.1	0.32			
						0.32	**cum**	**104503.71**	**33859.20**
	Approved Amount	**104503.71**							
5	Fixing of door frame in an existing opening including embedding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debris with lead upto 50 m. including cost of materials, labour charges, complete as per specifications. First Floor Pg No 105 It No 12.51 of PWD SR 2021-22								
	Door	3				3.00			
						3.00	**Nos**	**1716.37**	**5149.12**
	Approved Amount	**1716.37**							
6	Providing and fixing in position fully panelled Honne wood shutters for doors with stiles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications. (excluding cost of fixtures) First Floor Pg No 100 It No 12.15 of PWD SR 2021-22								
	Door Shutter	3	1.30		2.30	8.97			
						8.97	**Sqm**	**5866.54**	**52622.90**
	Approved Amount	**5866.54**							
7	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings / wooden frames with rawl plugs screws etc. Pg No 84 It No 11.34 B of PWD SR 2021-22								
	W	16	1.50		1.35	32.40			
	Corridor	1	1.80		1.88	3.38			
		1	4.45		1.88	8.37			
		1	4.30		1.88	8.08			
		1	4.33		1.88	8.14			
		1	4.33		1.88	8.14			
		1	4.23		1.88	7.95			
		1	1.8		1.88	3.38			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
						79.85			
	At 30 kg per sqm					2395.54	kg	198.04	474419.62
	Approved Amount	198.04							
48	Providing & fixing of 3-track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 108mm width x 45mmheight with reinforcement of 1mm thickness and Sash with overall size of 39mm x 75mm with GI reinforcement of 2mm and mesh sash of size 37mm x 58mm. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24 mm. Windows shall be provided with 6mm plain float glass, standard hardware& Multi point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size – 2419mm x 2200mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) Ground Floor Pg No 86 It No 11.35.1.2 of PWD SR 2021-22								
						0.00	Sqm	8370.24	0.00
	Approved Amount	8370.24							
49	Providing & fixing of louvered ventilator made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free with gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the ventilator frame. The frame having overall size of 39mm x 39mm with GI reinforcement of 1mm thickness. Louver clip in Aluminium (powder coated in white) will be used on the frame along with plastic parts for fixing the 4 mm pin head glass. Wall thickness of frame shall be 2mm.Maximum possible size – 1000mm x 1000mm.(The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) First Floor Pg No 110 It No 12.85 of PWD SR 2021-22								
						0.00	Sqm	5630.64	0.00
	Approved Amount	5630.64							
50	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. M.S. tube including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineerin- Charge. Pg No 82 It No 11.26.1 of PWD SR 2021-22								
	Railings	1	3.40		0.90	3.06			
		1	3.40		0.92	3.11			
						6.17			
	At 30 kg per sqm					185.13	kg	128.15	23723.59
	Approved Amount	128.15							

	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
62	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (Including Centering and Shuttering for Columns) Pg No 15 It No 2.2.2.1 of PWD SR 2021-22								
	Columns type-1	16	0.30	0.25	3.10	5.22			
	Columns type-2	8	0.23	0.23	3.10	2.81			
						8.03	Cum	8072.20	64835.28
	Approved Amount	**8072.20**							
62	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (Including Centering and Shuttering for Lintel, Beams, Slab) Pg No 15 It No 2.2.2.1 of PWD SR 2021-22								
	Lintel LW	1	31.40	0.15	0.20	2.44			
	Lintel LW	1	27.85	0.15	0.20	2.34			
	Short walls	6	6.50	0.15	0.20	2.67			
	Chejja	12	1.80	0.45	0.20	3.44			
	Staircase Steps	22	1.60	0.30	0.15	3.08			
	Staircase 1st Waist Slab	1	3.50	1.60	0.15	2.34			
	2nd Waist Slab	1	4.00	1.60	0.15	2.46			
	Landing	1	3.50	1.70	0.15	2.39			
	RCC Beams LW	2	31.40	0.30	0.30	7.15			
	Shortwalls	8	9.00	0.30	0.30	7.98			
	Roof slab	1	27.85	9.00	0.15	39.10			
	Roof slab	1	3.55	3.70	0.15	3.47			
						78.87	Cum	8806.13	694519.41
	Approved Amount	**8806.13**							
63	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately) First Floor Pg No 84 It No 11.32 of PWD SR 2021-22								
	Column-1		32.60		100.00	3260.00			
	Column-2		4.49		100.00	449.14			
	Lintel		13.70		90.00	1233.00			
	Chejja		4.80		85.00	408.00			
	Staircase		27.40		85.00	2329.00			
	Roof Beam		31.20		90.00	2808.00			

	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
			42.00		110.00	4620.00			
	Roof Slab					15107.14	kg		
				Upto 125%		13077.03	kg	124.26	1624982.51
				Above 125%		2030.12	kg	124.26	252266.96
	Approved Amount	124.26							
54	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. First Floor Pg No 17 It No 6.33 of PWD SR 2021-22								
	Long Walls	1	31.40		2.10	65.94			
		1	27.85		2.10	58.49			
	Short walls	6	6.50		2.10	81.90			
	Varenda	1	31.40		1.20	37.68			
	Varenda	2	1.80		1.20	4.32			
	Deductions								
	Columns	-16	0.45		2.10	-15.12			
		-8	0.23		2.10	-3.86			
	D	-3	1.50		2.10	-9.45			
	W	-16	1.50		1.35	-32.40			
	Staircase W	-2	1.45		1.00	-2.90			
	V	-6	1.50		0.30	-2.70			
	Lintle	-1	31.40		0.23	-7.22			
		-1	27.85		0.23	-6.41			
		-6	6.50		0.23	-8.97			
	Long Walls	1	31.40		0.70	21.98			
		1	27.85		0.70	19.50			
	Short walls	6	6.50		0.70	27.30			
						228.07	Sqm	1245.54	284067.62
	Approved Amount	1245.54							
55	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonary including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. First Floor Pg No 41 It No 8.3.1 of PWD SR 2021-22								
	FF External plastering	1	31.40		3.50	109.90			
		1	27.85		3.50	97.48			
		2	6.50		3.50	45.50			
	Corridor Parapet	2	1.80		0.97	3.49			
		2	3.34		0.97	6.48			
		2	4.30		0.97	8.34			
		2	4.33		0.97	8.40			
		2	4.33		0.97	8.40			
		2	4.23		0.97	8.21			
		2	4.33		0.97	8.40			

	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
		2	4.33		0.97	8.40			
		2	4.43		0.97	8.59			
		2	1.80		0.97	3.49			
	Deductions								
	D	-3	1.50		2.10	-9.45			
	W	-12	1.50		1.35	-24.30			
	Staircase W	-1	1.45		1.00	-1.45			
	Approved Amount	**447.54**				**289.88**	**Sqm**	**447.54**	**129733.35**
56	Providing 12 mm cement plaster with cement mortar 1:6 (1 cement: 6 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. First Floor Pg No 41 It No 8.1.1 of PWD SR 2021-22								
	Ceiling Inside	3	9.00	6.50		175.50			
	Veranda	1	27.30	1.80		49.14			
	Walls	3x2	9.00	3.30		178.20			
		3x2	6.50	3.30		128.70			
	Staircase	2	6.50	3.30		42.90			
		1	4.30	3.30		14.19			
	Deductions								
	D	-3	1.50	2.10		-9.45			
	W	-18	1.50	1.35		-32.40			
	Staircase W	-1	1.45	1.00		-1.45			
	V	-6	1.50	0.30		-2.70			
	Approved Amount	**317.45**				**542.63**	**Sqm**	**317.45**	**172258.76**
57	Finishing walls with water proofing cement paint of required shade :New work (Two coats applied @ 4.84 kg/10 m^2) to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. First Floor Pg No 45 It No 8.28 of PWD SR 2021-22								
	SF External	1	31.40		3.50	109.90			
		1	27.85		3.50	97.48			
		2	6.50		3.50	45.50			
	Corridor Parapet	2	1.80		0.97	3.49			
		2	4.45		0.97	8.63			
		2	4.30		0.97	8.34			
		2	4.33		0.97	8.40			
		2	4.33		0.97	8.40			
		2	4.23		0.97	8.21			
		2	1.8		0.97	3.49			
	Deductions								

	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	D	-3	1.5		2.10	-9.45			
	W	-6	1.5		1.35	-32.40			
	Staircase W	-1	1.45		1.00	-1.45			
	Approved Amount		**96.11**			**258.54**	**Sqm**	**96.11**	**24848.13**
	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade One coats on old work as per specifications and as per directions of Engineer in charge First Floor Pg No 51 It No 8.63 of PWD SR 2021-22								
	Internal Painting								
	Room-1	2	6.50		3.30	42.90			
		2	7.90		3.30	52.14			
	Room-2	2	6.55		3.30	43.23			
		2	7.70		3.30	50.82			
	Room-3	2	7.60		3.30	50.16			
		2	6.53		3.30	43.10			
	Staircase	2	6.50		3.30	42.90			
		1	4.30		3.30	14.19			
	Deductions								
	D	-3	1.50		2.10	-9.45			
	W	-16	1.50		1.35	-32.40			
	Staircase W	-1	1.45		1.00	-1.45			
	V	-6	1.50		0.30	-2.70			
	Approved Amount		**90.28**			**293.44**	**Sqm**	**90.28**	**26492.87**
39	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.** Polished Granite stone slab Black, Cherry Red, Brown, Cat Eye, River Pink or equivalent. Pg No 63 It No 9.24 of PWD SR 2021-22								
	Flooring Room-1	1	6.50	7.90		51.35			
		1	6.50	1.20		7.80			
	Deduct Door Portion	-1	0.70	0.30		-0.21			
	Skirting	2	6.50	0.10		1.30			
		2	7.90	0.10		1.58			
	Deduct Door Portion	1	1.50	0.10		0.15			
	Room-2	1	6.55	7.70		50.44			
		1	6.55	1.23		8.06			
		-1	0.70	0.30		-0.21			

Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
Skirting	2	6.55	0.10		1.31			
	2	7.70	0.10		1.54			
Deduct Door Portion	1	1.50	0.10		0.15			
Room-3	1	7.60	6.53		49.63			
	1	6.53	1.25		8.16			
	-1	0.70	0.30		-0.21			
Skirting	2	7.60	0.10		1.52			
	2	6.53	0.10		1.31			
Deduct Door Portion	1	1.50	0.10		0.15			
Corridor	1	27.70	1.80		49.86			
Staircase area	1	3.45	3.80		13.11			
FF Staircase								
Tread	22	1.60	0.30		10.56			
Rise	23	1.60	0.15		5.52			
Landing	1	1.64	3.33		5.46			
					268.32	**Sqm**	**3363.82**	**902578.03**
Approved Amount	**3363.82**							

10 Providing and fixing of wall cladding using 20mm thick gang saw water cut Shiva gold granite, grey granite in CM 1:3 (1 cement : 3 coarse sand) proportion cut to required shape, pattern with paper joints, finished with cement mortal using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete. Pg No 72 It No 10.18 of PWD SR 2021-22

SF Staircase								
Clading	1	1.4		1.15	1.61			
	1	3.4		1.15	3.91			
	1	1.95		1.15	2.24			
	1	0.87		1.15	1.00			
	1	0.85		1.15	0.98			
Window portion	1	1.45		0.18	0.26			
	1	1.6		1.15	1.84			
	1	3.4		1.15	3.91			
	1	1.52		1.15	1.75			
Corridor clading	1	0.97		0.87	0.84			
	1	8.03		0.87	6.99			
	1	8.16		0.87	7.10			
	1	7.05		0.87	6.13			
	1	1.67		0.87	1.45			
					40.02	**Sqm**	**3588.08**	**143577.25**

	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Approved Amount	**3588.08**							
2	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications First Floor Pg No 99 It No 12.11 of PWD SR 2021-22								
	Door	3	7.20	0.15	0.10	0.32			
						0.32	**Cum**	**105548.29**	**34197.65**
	Approved Amount	**105548.29**							
3	Fixing of door frame in an existing opening including embedding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debris with lead upto 50 m. including cost of materials, labour charges, complete as per specifications. First Floor Pg No 105 It No 12.51 of PWD SR 2021-22								
	Door	3				3.00			
						3.00	**Nos**	**1733.85**	**5201.55**
	Approved Amount	**1733.85**							
3	Providing and fixing in position fully panelled Honne wood shutters for doors with stiles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications. (excluding cost of fixtures) First Floor Pg No 100 It No 12.15 of PWD SR 2021-22								
	Door Shutter	3	1.30		2.30	8.97			
						8.97	**Sqm**	**5923.82**	**53136.68**
	Approved Amount	**5923.82**							
4	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings / wooden frames with rawl plugs screws etc. Pg No 84 It No 11.34 B of PWD SR 2021-22								
	W	16	1.50		1.35	32.40			
	Corridor	2	1.80		1.88	6.77			
		2	4.45		1.88	16.73			
		2	4.30		1.88	16.17			
		2	4.33		1.88	16.28			
		2	4.33		1.88	16.28			
		2	4.23		1.88	15.90			
		2	1.80		1.88	6.77			
						127.30			
	At 30 kg per sqm					**3819.07**	**kg**		
				Upto 125%		**3739.23**	**kg**	**199.98**	**747788.16**
				Above 125%		**79.85**	**kg**	**199.98**	**15968.19**
	Approved Amount	**199.98**							

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
65	Providing & fixing of 3-track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 108mm width x 45mmheight with reinforcement of 1mm thickness and Sash with overall size of 39mm x 75mm with GI reinforcement of 2mm and mesh sash of size 37mm x 58mm. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24 mm. Windows shall be provided with 6mm plain float glass, standard hardware& Multi point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size – 2419mm x 2200mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) Ground Floor Pg No 86 It No 11.35.1.2 of PWD SR 2021-22								
						0.00	Sqm	8453.73	0.00
	Approved Amount	**8453.73**							
66	Providing & fixing of louvered ventilator made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free with gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the ventilator frame. The frame having overall size of 39mm x 39mm with GI reinforcement of 1mm thickness. Louver clip in Aluminium (powder coated in white) will be used on the frame along with plastic parts for fixing the 4 mm pin head glass. Wall thickness of frame shall be 2mm.Maximum possible size – 1000mm x 1000mm.(The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) First Floor Pg No 110 It No 12.85 of PWD SR 2021-22								
						0.00	Sqm	5685.98	0.00
	Approved Amount	**5685.98**							
67	Providing and fixing hand rail of approved size by welding etc. to steel ladder railing, balcony railing, staircase railing and similar works, including applying priming coat of approved steel primer. M.S. tube including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineerin- Charge. Pg No 82 It No 11.26.1 of PWD SR 2021-22								
	Railings	1	3.40		0.90	3.06			
		1	4.27		0.92	3.91			
						6.97			
	At 30 kg per sqm					**209.01**	**kg**	**129.12**	**26986.81**
	Approved Amount	**129.12**							
68	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (Including Centering and Shuttering for Columns) Pg No 15 It No 2.2.2.1 of PWD SR 2021-22								
						0.00	Sqm	8150.84	0.00
	Approved Amount	**8150.84**							

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
69	Providing and laying in position Reinforced cement concrete for all Foundation works. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticizers laid in finished layers, well compacted using needle vibrators, including all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates (Including Centering and Shuttering for Lintel, Beams, Slab) Pg No 15 It No 2.2.2.1 of PWD SR 2021-22								
	Water proofing concrete for terrace								
		1	27.85	9.00	0.0750	18.80			
		1	3.55	3.70	0.0750	0.99			
						19.78	**Sqm**	**8892.53**	**175928.66**
	Approved Amount	**8892.53**							
70	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications. (The laps and wastages shall not be measured separately) First Floor Pg No 84 It No 11.32 of PWD SR 2021-22								
						0.00	**kg**	**125.23**	**0.00**
	Approved Amount	**125.23**							
71	Providing and fixing Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished seamless type tubes including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge. Pg No 81 It No 11.16.2 of PWD SR 2021-22								
	Staircase head room	1	6.80		4.50	30.60			
	At 52 kg per sqm					**1591.20**	**kg**	**161.15**	**256426.34**
	Approved Amount	**161.15**							
72	Supply of self supporting Metecno made Glamet 30mm thick insulated sandwich PUF Panels for Roofingmade out off CFC free factory injected Polyurethane foam in between two metal sheets. The thickness ofthe panel shall form 30mm outer excluding profile The panel should manufactured in continous lineprocess Externaltop sheet shall be trapezoidal sheet with 38mm crest & distance between two crest willbe 333.3mm pitch made out of 0.4TCT colour coated Galvanized steel having 16-20micron primer coat [Data Rate]								
	Staircase head room	1	6.80		4.50	30.60			
						30.60	**Sqm**	**4370.54**	**133738.57**
	Approved Amount	**4370.54**							
73	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications. First Floor Pg No 17 It No 6.33 of PWD SR 2021-22								

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Parapet Wall	1	27.85		1.00	27.85			
		1	31.40		1.00				
		1	9.00		1.00	9.00			
		1	3.55		1.00	3.55			
	Staicase head room	1	6.80		3.00	20.40			
		1	4.50		3.00	13.50			
						74.30	**Sqm**	**1257.19**	**93408.92**
	Approved Amount	**1257.19**							
74	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonary including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. First Floor Pg No 41 It No 8.3.1 of PWD SR 2021-22								
	Parapet plastering	2	27.85		1.05	58.49			
		2	31.40		1.05	65.94			
		2	9.00		1.05	18.90			
		2	3.55		1.05	7.46			
	Staicase head room	1	6.80		3.00	20.40			
		1	4.50		3.00	13.50			
	Deductions								
	D	-1	1.00		2.10	-2.10			
	Staircase W	-1	1.45		1.00	-1.45			
						181.13	**Sqm**	**453.36**	**82117.75**
	Approved Amount	**453.36**							
75	Providing 12 mm cement plaster with cement mortar 1:6 (1 cement: 6 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge. First Floor Pg No 41 It No 8.1.1 of PWD SR 2021-22								
	Staicase head room	2	6.80		3.00	40.80			
		2	4.50		3.00	27.00			
	Deductions								
	D	-1	1.00		2.10	-2.10			
	Staircase W	-1	1.45		1.00	-1.45			
						64.25	**Sqm**	**320.36**	**20583.39**
	Approved Amount	**320.36**							
76	Finishing walls with water proofing cement paint of required shade :New work (Two coats applied @ 4.84 kg/10 m^2) to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge. First Floor Pg No 45 It No 8.28 of PWD SR 2021-22								
	Parapet	2	27.85		1.05	58.49			
		2	31.40		1.05	65.94			
		2	9.00		1.05	18.90			
		2	3.55		1.05	7.46			

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Staicase head room	1	6.80		3.00	20.40			
		1	4.50		3.00	13.50			
	Deductions								
	D	-1	1.00		2.10	-2.10			
	Staircase W	-1	1.45		1.00	-1.45			
						181.13	**Sqm**	**97.08**	**17584.10**
	Approved Amount	**97.08**							
77	Wall painting with plastic emulsion paint of approved brand and manufacture to give an even shade: One coats on old work as per specifications and as per directions of Engineer in charge. First Floor Pg No 51 It No 8.63 of PWD SR 2021-22								
	Staicase head room	2	6.80		3.00	40.80			
		2	4.50		3.00	27.00			
	Deductions								
	D	-1	1.00		2.10	-2.10			
	Staircase W	-1	1.45		1.00	-1.45			
						64.25	**Sqm**	**91.26**	**5863.15**
	Approved Amount	**91.26**							
78	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing , curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.** Polished Granite stone slab Black, Cherry Red, Brown, Cat Eye, River Pink or equivalent. Pg No 63 It No 9.24 of PWD SR 2021-22								
						0.00	**Sqm**	**3396.83**	**0.00**
	Approved Amount	**3396.83**							
79	Providing and fixing of wall cladding using 20mm thick gang saw water cut Shiva gold granite, grey granite in CM 1:3 (1 cement : 3 coarse sand) proportion cut to required shape, pattern with paper joints, finished with cement mortal using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete. Pg No 72 It No 10.18 of PWD SR 2021-22								
						0.00	**Sqm**	**3624.00**	**0.00**
	Approved Amount	**3624.00**							
80	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications First Floor Pg No 99 It No 12.11 of PWD SR 2021-22								
	Door	1	6.50	0.15	0.10	0.10			
						0.10	**Cum**	**106583.16**	**10658.32**
	Approved Amount	**106583.16**							

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
81	Fixing of door frame in an existing opening including embedding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debris with lead upto 50 m. including cost of materials, labour charges, complete as per specifications. First Floor Pg No 105 It No 12.51 of PWD SR 2021-22								
	Door	1				1.00			
						1.00	**Nos**	**1751.32**	**1751.32**
	Approved Amount	**1751.32**							
82	Providing and fixing in position fully panelled Honne wood shutters for doors with stiles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications. (excluding cost of fixtures) First Floor Pg No 100 It No 12.15 of PWD SR 2021-22								
	Door Shutter	1	1		2.05	2.05			
						2.05	**Sqm**	**5983.04**	**12265.23**
	Approved Amount	**5983.04**							
83	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings / wooden frames with rawl plugs screws etc. Pg No 84 It No 11.34 B of PWD SR 2021-22								
	Block-2 Corridor	2	1.80		1.88	6.77			
		2	4.45		1.88	16.73			
		2	4.30		1.88	16.17			
		2	4.33		1.88	16.28			
		2	4.33		1.88	16.28			
		2	4.23		1.88	15.90			
		2	1.8		1.88	6.77			
						94.90			
	At 30 kg per sqm					**2847.07**	**kg**	**201.93**	**574899.00**
	Approved Amount	**201.93**							
84	Providing & fixing of 3-track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 108mm width x 45mmheight with reinforcement of 1mm thickness and Sash with overall size of 39mm x 75mm with GI reinforcement of 2mm and mesh sash of size 37mm x 58mm. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24 mm. Windows shall be provided with 6mm plain float glass, standard hardware& Multi point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size – 2419mm x 2200mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) Ground Floor Pg No 86 It No 11.35.1.2 of PWD SR 2021-22								
						0.00	**Sqm**	**8370.24**	**0.00**
	Approved Amount	**8370.24**							

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
85	Providing & fixing of louvered ventilator made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free with gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the ventilator frame. The frame having overall size of 39mm x 39mm with GI reinforcement of 1mm thickness. Louver clip in Aluminium (powder coated in white) will be used on the frame along with plastic parts for fixing the 4 mm pin head glass. Wall thickness of frame shall be 2mm.Maximum possible size – 1000mm x 1000mm.(The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made) First Floor Pg No 110 It No 12.85 of PWD SR 2021-22								
						0.00	Sqm	5742.28	0.00
	Approved Amount	**5742.28**							
86	Supplying heavy gauge PVC conduit pipe ..... mm dia.....mm thick confirming to IS 2509 with suitable size bends, metal/PVC Junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary 19/20 mm dia 2 mm thick Pg No 1 It No 1.2.1 of PWD ELECTRICAL SR 2022-23								
		1	150			150.00			
						150.00	**m**	**69.90**	**10484.64**
	Approved Amount	**69.90**							
87	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall **6** Way Pg No 5 It No 3.4.3 of PWD ELECTRICAL SR 2022-23								
		21				21.00			
						21.00	**each**	**242.70**	**5096.70**
	Approved Amount	**242.70**							
88	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box 6Module Pg No 5 It No3.5.3 of PWD ELECTRICAL SR 2022-23								
		21				21.00			
						21.00	**each**	**200.96**	**4220.07**
	Approved Amount	**200.96**							
89	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293.6A One Way Switch Pg No 5 It No 3.6.1 of PWD ELECTRICAL SR 2022-23								
		140				140.00			
						140.00	**each**	**100.96**	**14134.85**
	Approved Amount	**100.96**							
90	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293.6A Three Way socket Pg No 5 It No 3.6.3 of PWD ELECTRICAL SR 2022-23								
		24				24.00			
						24.00	**each**	**186.39**	**4473.45**
	Approved Amount	**186.39**							

Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
91	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293.Stepped Fan Regulator Two Module Pg No 5 It No 3.6.4 of PWD ELECTRICAL SR 2022-23								
		36				36.00			
						36.00	**each**	**359.20**	**12931.06**
	Approved Amount	**359.20**							
92	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping casing capping using 2x1.5mm2 (Phase & Neutral) & 1x1.0 mm2 (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) without control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet.. Short point upto 3m from tapping point to out let via switch box Pg No 3 It No 2.2.1 of PWD ELECTRICAL SR 2022-23 Pg No 2 It No 1.12 of PWD ELECTRICAL SR 2022-23								
		15				15.00			
						15.00	**point**	**287.36**	**4310.35**
	Approved Amount	**287.36**							
93	Supplying and fixing metal Fan box with Round Hook. Pg No 2 It No 1.12 of PWD ELECTRICAL SR 2022-23								
		36				36.00			
						36.00	**each**	**187.36**	**6745.12**
	Approved Amount	**187.36**							
94	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments 1 mm2 Pg No 3 It No 2.5.1 of PWD ELECTRICAL SR 2022-23								
		1	180			180.00			
						180.00	**m**	**21.36**	**3844.37**
	Approved Amount	**21.36**							
95	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments 1.5 mm2 Pg No 6 It No 2.5.2 of PWD ELECTRICAL SR 2022-23								
		1	180			180.00			
						180.00	**m**	**30.09**	**5417.06**
	Approved Amount	**30.09**							
96	Supplying and fixing regular MCB distribution boards on wall/wood board/flush mountin using required clamps, bolts, nuts with provision for fixing suitable type capacity MCB's single phase/3 phase/single door with powder coated painting. Made out of 14 SWG M.S enclosure. Single Door 4 Way SP & N Pg No 13 It No 5.18.1 of PWD ELECTRICAL SR 2022-23								
		7				7.00			
						7.00	**each**	**1263.98**	**8847.87**
	Approved Amount	**1263.98**							
	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898 6-32Amps SP Pg No 13 It No 5.17.1 of PWD ELECTRICAL SR 2022-23								

	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
		7				7.00			
						7.00	**each**	**598.98**	**4192.89**
	Approved Amount	**598.98**							
	Supplying, fixing and wiring eaarth Earth Leakage Miniature Circuit Breaker [ELMCB] 240/250V upto 300mA sensitivity on existing wood/panel board. 16-25Amps 2Pole Pg No 13 It No 5.20.1 of PWD ELECTRICAL SR 2022-23								
		7				7.00			
						7.00	**each**	**2903.66**	**20325.64**
	Approved Amount	**2903.66**							
	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24v D.C Pg No 14 It No 5.38 of PWD ELECTRICAL SR 2022-23								
		3				3.00			
						3.00	**each**	**532.00**	**1596.00**
	Approved Amount	**532.00**							
100	Supplying of .....feet -PVC Batten with integrated LED tube .... W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V@ 50/60Hz & Power factor >0.9 along with CE approved. 2 years Warranty against any manufacturing defect working under standard electrical condition. LED light fitting 1 x 4' - 20/22 W Pg No 25 It No 11.3.2 of PWD ELECTRICAL SR 2022-23								
		80				80.00			
						80.00	**each**	**567.92**	**45433.44**
	Approved Amount	**567.92**							
101	Fixing all types and all capacities of fluorescent /false ceiling / spot light / CFL / LED fittings indoor on the wall/ ceiling / rafters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clA. On wall/ ceiling / Rafter / Girders Pg No 45 It No 13.7.1 of PWD ELECTRICAL SR 2022-23								
		80				80.00			
						80.00	**each**	**136.88**	**10950.62**
	Approved Amount	**136.88**							
102	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc, for operation on 230 V, 50 cycles. Single phase AC supply conforming to ISS-374- 1979 and with double ball bearing system. 48" Sweep (1200 mm) Regular model Pg No 22 It No 6.3.1 of PWD ELECTRICAL SR 2022-23								
		36				36.00			
						36.00	**each**	**2380.00**	**85680.00**
	Approved Amount	**2380.00**							
103	Fixing a ceiling / Wall mounting fan of all capacities and all types to the existing 'S'' hook with fan regulator to the existing board together with supplying and fixing 5 A. ceiling rose, necessary length of 23 / 0.0076 inch PVC insulated twin twisted copper wire and wiring. Pg No 80 It No 13.10 of PWD ELECTRICAL SR 2022-23								
		36				36.00			
						36.00	**each**	**181.80**	**6544.80**
	Approved Amount	**181.80**							
	Extra Item								

	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	Providing and fixing cold rolled prepainted steel windows of IS standards, made out of 0.6mm thick deep drawing quality galvanised on both sides 120gms/sq.mtr. Primer coat upto 5 microns with thermosetting epoxy resin and finish painted with a polyester based paint 20 microns thick. The size of profiles is approximately 46 x 52mm for external frames, 46x46mm section for shutters, 46x70mm section for centre mullion/transom and 18x31mm section is for fixing glasses. The section should be cut to length joint mitred and assembling by means of corner brackets made out of cold rolled cold annealed strips of 1.2mm thick duly galvanised and fixed with nickle plated self taping screws.The shutters are provided with approved quality of fixtures like handles made out of zamac alloy die cast and powder coated, receiver made out of glass filled nylone and hinges made out of CRCA powder coated. 4mm thick glass should be fixed with EPDM gaskets. Guard bars fabricated out of 10mm square bright bars shall be fixed horizontally at 125mm C/C by rivetting to the external frame. The above frames are fixed to the concrete / masonry walls by means of self expanding screws." with 4mm tinted glass with gaurd bars For First Floor								
	W	18	1.5		1.35	**36.45**			
	Staircase W	1	1.45		1.00	**1.45**			
	V	6	1.50		0.30	**2.70**			
	Total in Sqm					**40.60**	**Sqm**	**7525.61**	**305539.77**
E2	"Providing and fixing cold rolled prepainted steel windows of IS standards, made out of 0.6mm thick deep drawing quality galvanised on both sides 120gms/sq.mtr. Primer coat upto 5 microns with thermosetting epoxy resin and finish painted with a polyester based paint 20 microns thick. The size of profiles is approximately 46 x 52mm for external frames, 46x46mm section for shutters, 46x70mm section for centre mullion/transom and 18x31mm section is for fixing glasses. The section should be cut to length joint mitred and assembling by means of corner brackets made out of cold rolled cold annealed strips of 1.2mm thick duly galvanised and fixed with nickle plated self taping screws.The shutters are provided with approved quality of fixtures like handles made out of zamac alloy die cast and powder coated, receiver made out of glass filled nylone and hinges made out of CRCA powder coated. 4mm thick glass should be fixed with EPDM gaskets. Guard bars fabricated out of 10mm square bright bars shall be fixed horizontally at 125mm C/C by rivetting to the external frame. The above frames are fixed to the concrete / masonry walls by means of self expanding screws." with 4mm tinted glass with gaurd bars For Second Floor								
	W	18	1.50		1.35	36.45			
	Staircase W	1	1.45		1.00	1.45			
	V	6	1.50		0.30	2.70			
						40.60	**Sqm**	**7534.04**	**305882.02**
E3	Providing and laying 100mm thick pre-cast cover slabs over drains & Rain pit of width not exceeding 800 mm using M20 concrete reinforced with Micro Alloyed High carbon steel with 3mm - 3ply wired steel @ 2.00 kg/m2, slabs jointed in CM 1:3 proportion and nicely finished Including providing holes in the Cover slabs wherever necessary for easydrainage of surface water including of labour, materials, scaffolding, usage of machinery, curing, lead and lift charges etc, Complete. Approved Data rate								
		1	44.45	0.90		40.00			
						40.00	**Sqm**	**2156.54**	**86261.60**

	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	providing ruled pointing to cursed stone masonry with lime mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost all materials, labour, usage charges of machinery, curing complete as pre specification (V-II, P.No-190, I No-21.10 of PWD SR 2021-22)								
	Vishveshwaraiah park East side	2	161.47		0.70	226.06			
	Vishveshwaraiah park south	2	99.97		0.60	119.96			
	West side	2	127.11		0.80	203.38			
	North side	2	38.56		0.72	55.53			
	Sai baba (Cauvery) Park north side	2	87.43		0.65	113.66			
	East side	2	48.70		0.60	58.44			
	North side	2	98.58		0.75	147.87			
	ISRO Layout								
	East side	2	42.40		0.50	42.40			
		2	15.00		0.50	15.00			
	North side	2	59.70		0.50	59.70			
		2	1.40		0.46	1.27			
	East side	2	22.00		0.45	19.80			
	North side	2	16.00		0.45	14.40			
	West side	2	114.25		0.50	114.25			
	Puttenahalli Lake from Bus depo to Anathapura gate	2	213.45		0.60	256.14			
						1447.86	**Sqm**	**272.48**	**394512.18**
E5	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density.								
	ISRO Layout								
	For Pathway								
	Isro layout North to south	1	20.60	2.00	0.15	6.18			
	Gate portion	1	5.00	4.10	0.15	3.08			
	Gate	1	5.00	4.00	0.15	3.00			
	East to west	1	61.00	2.00	0.15	18.30			
	Gate	1	3.00	1.55	0.15	0.70			
		1	75.30	2.05	0.15	23.15			

Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
Opposite gate	1	9.30	3.30	0.15	4.60			
					59.01	Sqm	2691.01	158798.52
Providing and fixing stainless steel (Grade 304) railing made of Hollow tubes, channels, plates etc., including welding, grinding, buffing, polishing and making curvature (wherever required) and fitting the same with necessary stainless steel nuts and bolts complete, i/c fixing the railing with necessary accessories & stainless steel dash fasteners, stainless steel bolts etc., of required size, on the top of the floor or the side of waist slab with suitable arrangement as per approval of Engineer-in- charge, (for payment purpose only weight of stainless steel members shall be considered excluding fixing accessories such as nuts bolts, fasteners etc.) including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge. [Volume ii Pg No 83 It No 11.28 of PWD SR 2021-22]								
Basic Rate	500.00							
Area Weightage 10%	50.00							
Sub Total	550.00							
Above Tp 4.08%	22.44							
Total	572.44							
Yelahanka Lake								
LHS Side								
	1	44.00		1.20	52.80			
					52.80			
Consider 6kg/Sqm					316.80			
					316.80	Sqm	572.44	181348.99
							Total Construction Cost	81134521.34
							18% GST Excluding For Non S.R Items No 19 And 27	13119099.53
							Grand Total Including GST	94253620.87

Assistant Engineer
Yelahanka Project Division
BBMP Bangalore

Asst Executive Engineer,
Yelahanka Project Division
BBMP Bangalore

Executive Engineer,
Yelahanka Project Division
BBMP Bangalore

Technical Sanction
Accorded For Rs 94253620.87
Head of A/C 3877
CER NO : 50 Dt: 06/03/24